Foresight at a glimpse

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- 2010: Launch of the inter-institutional project
  -> EP, Council, Commission and EEAS
- 2012: first report "Global Trends 2030"
- 2013: 3 studies by think tanks -> europa.eu/espas/
- 2014: Final report
  -> for the 3 new Presidents
  -> Editorial inter-institutional group
  -> Repository on Strategic Studies europa.eu/espas/orbis/
Mega trend: Demography

In 2030
- Asia: >50% of world's population
- Africa & India: fastest growth
- 50% in urban areas

In 2050
- Stabilization at ~ 9.5 Billion
- 400 million people >80 years
- ageing will affect China (+14 years)
Mega trend: Economy

In 2030
- 20% World GDP in China
- 55% World GDP in G3 (US-EU-China)
- Growth will be mostly outside of Europe
- Manpower: China + Africa + India = 5 x EU

In 2050
- Towns will represent 70% of GDP
- Doubling of cars: 2 billion
Mega trend: Society

In 2030
• More inequalities (health; digital; gender; education; labour market)
• Middle class: 2 -> 5 Billion
• 2/3 of middle class in Asia

In 2050
• Citizen-centric society in Europe?
  -> Participatory governance
  -> Not consumers but citizens
  -> European societal model
Mega trend: Geopolitics

In 2030
• Multi-polar political action
  -> No European country in top 15 by population
  -> Europe versus BRICS & others (Nigeria, Indonesia...)
• Multi-levelled governance (civil society, government, regional/international organisations)
• Raise of multiple spot conflicts; defense policy?
  -> Competition for resources

In 2050
• Obsolescence of UN, NATO, WTO... ?
Mega trend: Resources & Climate

In 2030
• Resources tensions; interdependencies
  -> 50% more food & energy needs
• Bottom-up initiatives rather than inter-governmental
  -> Power of Megacities; citizen movements
• Vulnerability to catastrophic events
  -> Pandemics: human, food-stock

In 2050
• High-tech & low-carbon society
  -> hinder development of low-income societies?
Mega trend: Technology

In 2030
• Integration of technologies
  -> autonomous (decision-making) systems [driver-less cars]
  -> BigData + Cloud + Internet of Things + Biosciences = Leaps
• Science & Society
  -> saturation of technology-push; increased risk awareness?
  -> society (not experts) defines technology needs
  -> "Science et Conscience"

In 2050
• Societal cohesion and wellbeing as a priority
• Towards post-carbon society
Mega trend: Space

In 2030

• Integrated services for society
  -> Integrated space and security/defense dimension
  -> Resilience issues: cyber-security and dependence
  -> Space for the Artic

• European multipolar relations
  -> balancing between US/China/Russia
  -> other countries ('space diplomacy')

In 2050

• Space exploration as a global human endeavour?
CONCLUSION

Mega-trend: Complexity

up to XXI\(^{\text{th}}\) century
- manageable complexity: short-term planning
- individuals could make a difference
- strength: high skills and development of knowledge

XXI\(^{\text{th}}\) century
- 'cyber-complexity': need long-term vision
- 'connected brains' will make a difference
- weakness: lack of trust and divorce politics/citizens?